

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

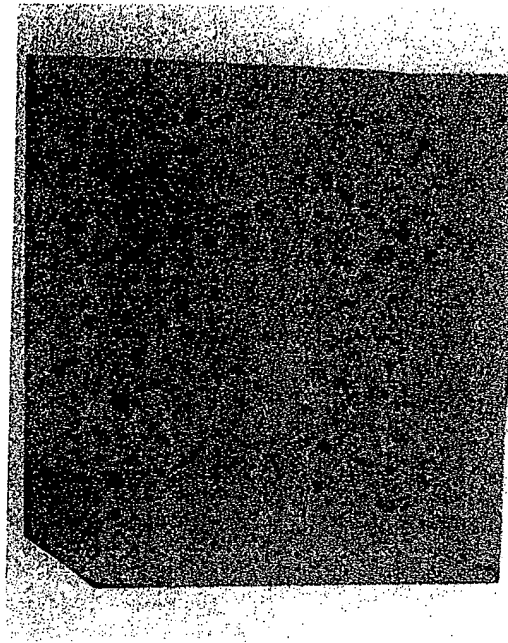
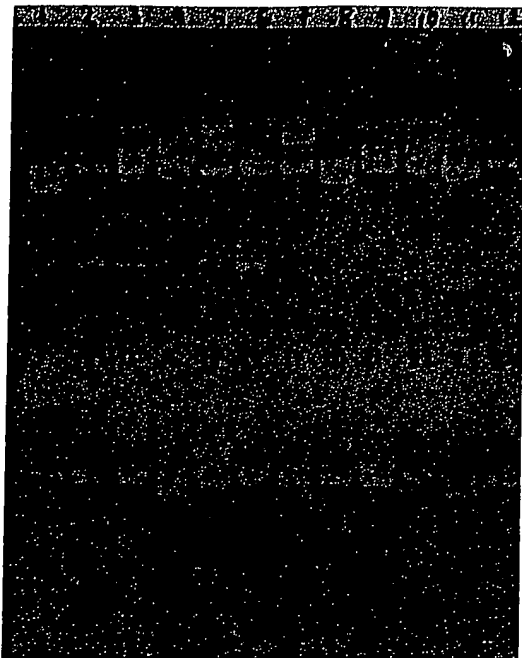


FIG.1

2a



2b

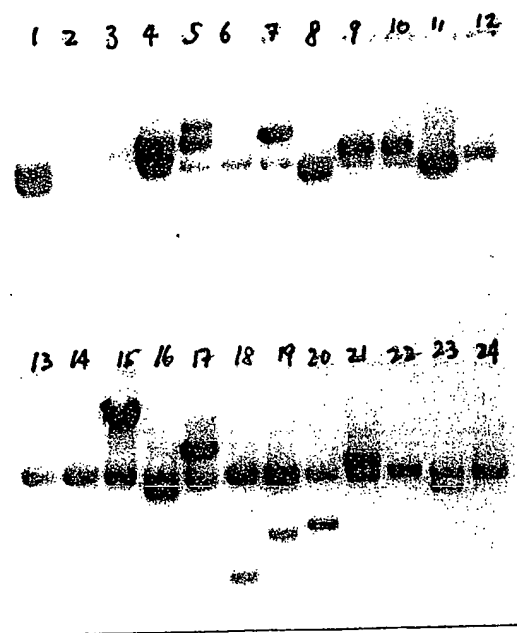


FIG.2

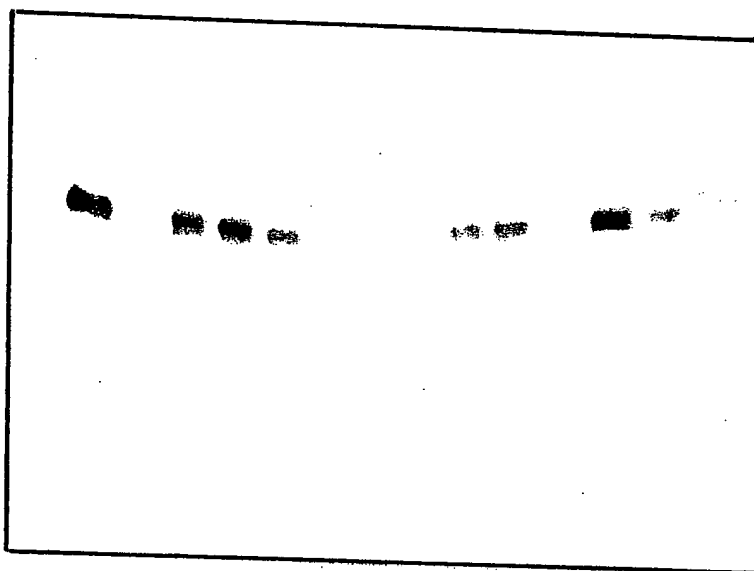
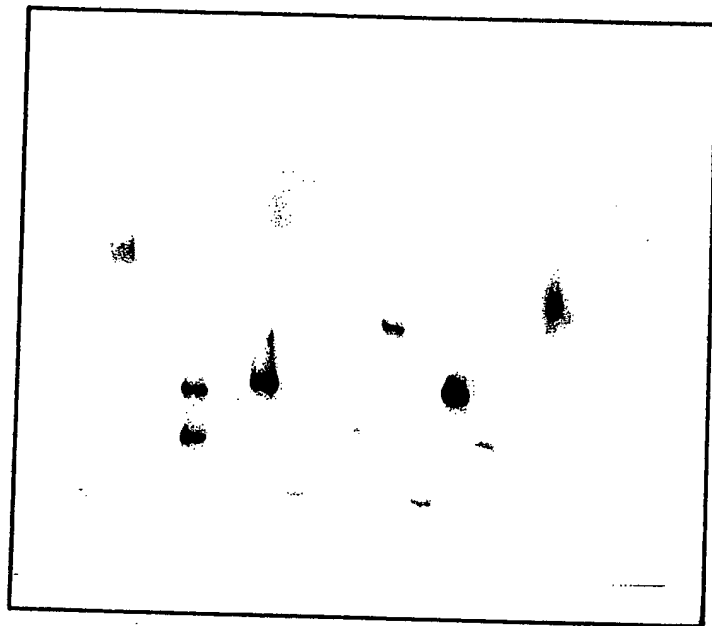


FIG.3

**FIG.4**

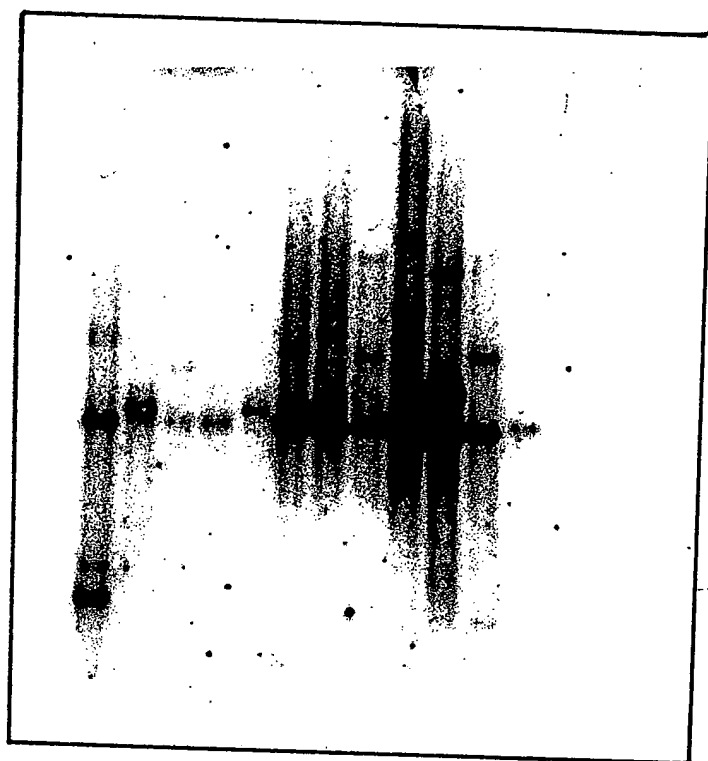


FIG.5



FIG.6

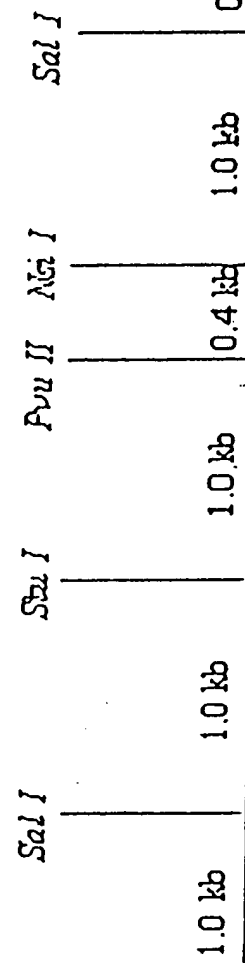
pSa240

T7

EcoRI
Sac I
Kpn I
Ava I
Sma I
BamHI/
Sau3AI

SP6

Hind III
Sph I
Pst I
Hinc II
Acc I
Sal I
Eba I
Sau 3A I/
BamHI



pGEM3-Z

FIG.7

Contd..

TTCGCGGCGCCCGACGCCCCGCGTCGCCGCCGACCTGGTCAACCGGCTCGTCGCGGGCGGCCGGGACCACCC
CGCAGCTCACGGACCACGACCGCTACGACTGGCACCCTGCACTACTTCGCCCCGGACGCCTCGATCGCCGA
CCATCTCGCGGGCCGACTGCGGCATGGCGCTGGCCCTTCATCATCGTGGCGGGCGAGCAGGAGCGGCTGCG
GCGCTGCGAGGCCCCCGACTGCGGGCACGCGTTCGTCGACCTGTGCGCGCAACCGCTCCCGCCGCTACTGC
TCCAGCCGTACGTGCGGGAACCGGCTCCACGTGCGGGCGTACCGGGCCCCGGCGCAAGGAAGCCGCGGGC
TGACGCCCCGGCACGGTGGCGCGAGGCGTCACAGCACGAAGAGATCGTGCAGCGCGGCCATCAGCAGCAG
GCCCCCGATCACCGTCAGGAAGATCATCAGGGGCGGCTGGGAGAGCGCGAAAAGACAGCCGCGGGCCCTC
TTCGGCGGGGGGTGCGGGGGCATCGCCCCGGGAAGTGTCCACCATCTTCGGGGTGATCATGACGCACCGG
CGGCGGTGTTGGCGATCAACCGGCTTCATTCTCCCGGGAGTTACCCGTCCCGTGGCCATCGATATTGCTC
CGGCGTACGGGGAGCCGTACAGACATTGGAACCGCGCCCGGAACCGCACCGCCGGCGGGGGCCCGGACGC
CTCGGACGCGCGCTCTCAGATGCCGTGCTTCTTGAGGATC

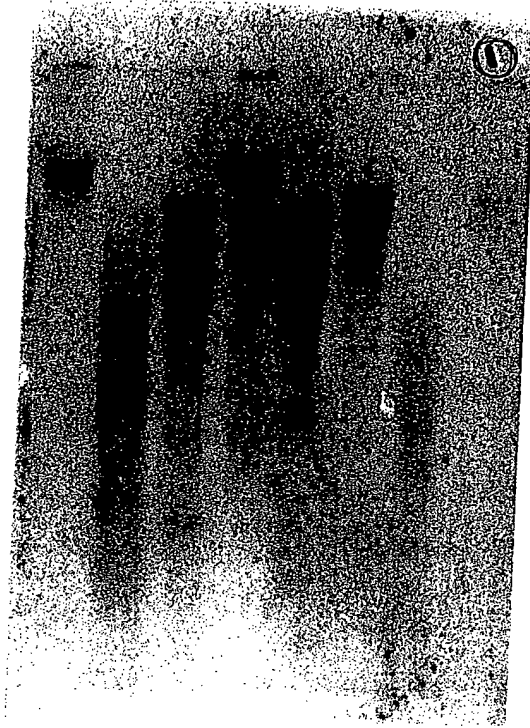
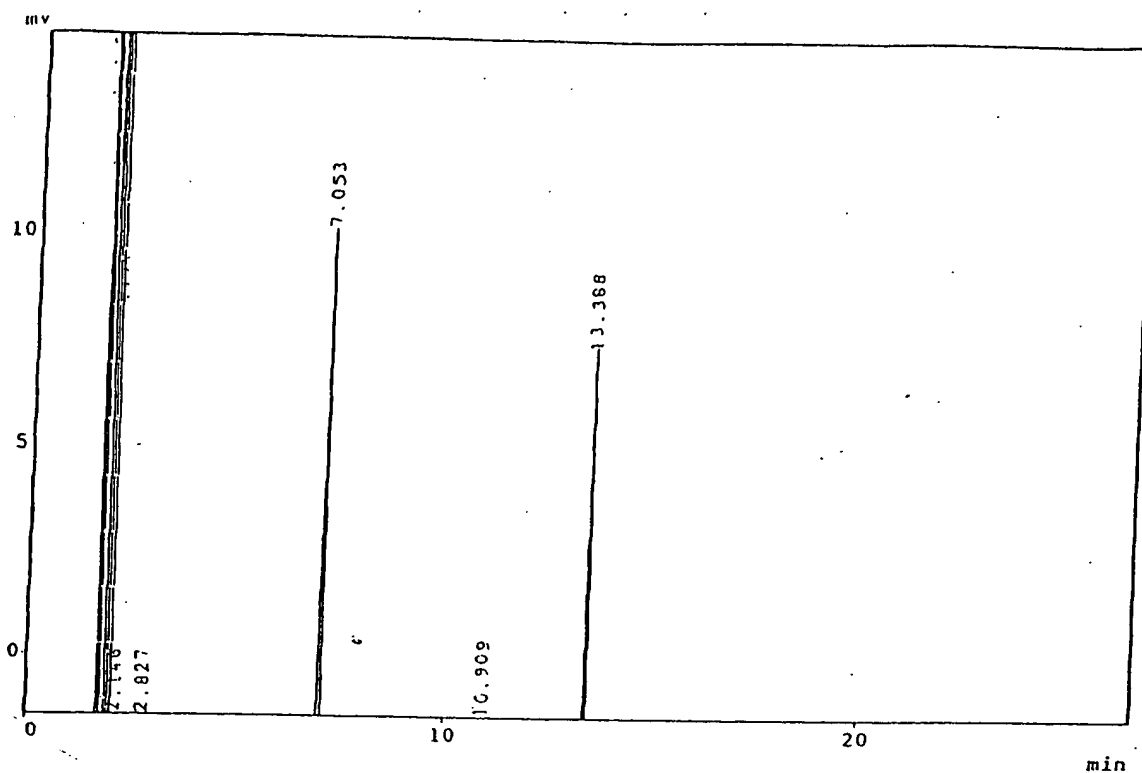


FIG.9



*** Peak Report ***

NO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1.742	1090524	630697	V		16.3090	
2	1.803	2759591	1055567	VE		41.2702	
3	1.931	841734	440026	V		12.5883	
4	1.989	1899444	1050304	SVE		28.4066	
5	2.146	1222	1166	T		0.0183	
6	2.827	1691	1181	V		0.0253	
7	7.053	56479	14295			0.8447	
8	10.909	1014	280			0.0152	
9	13.388	34942	11651			0.5226	

6686640

3205166

100.0000

FIG.10

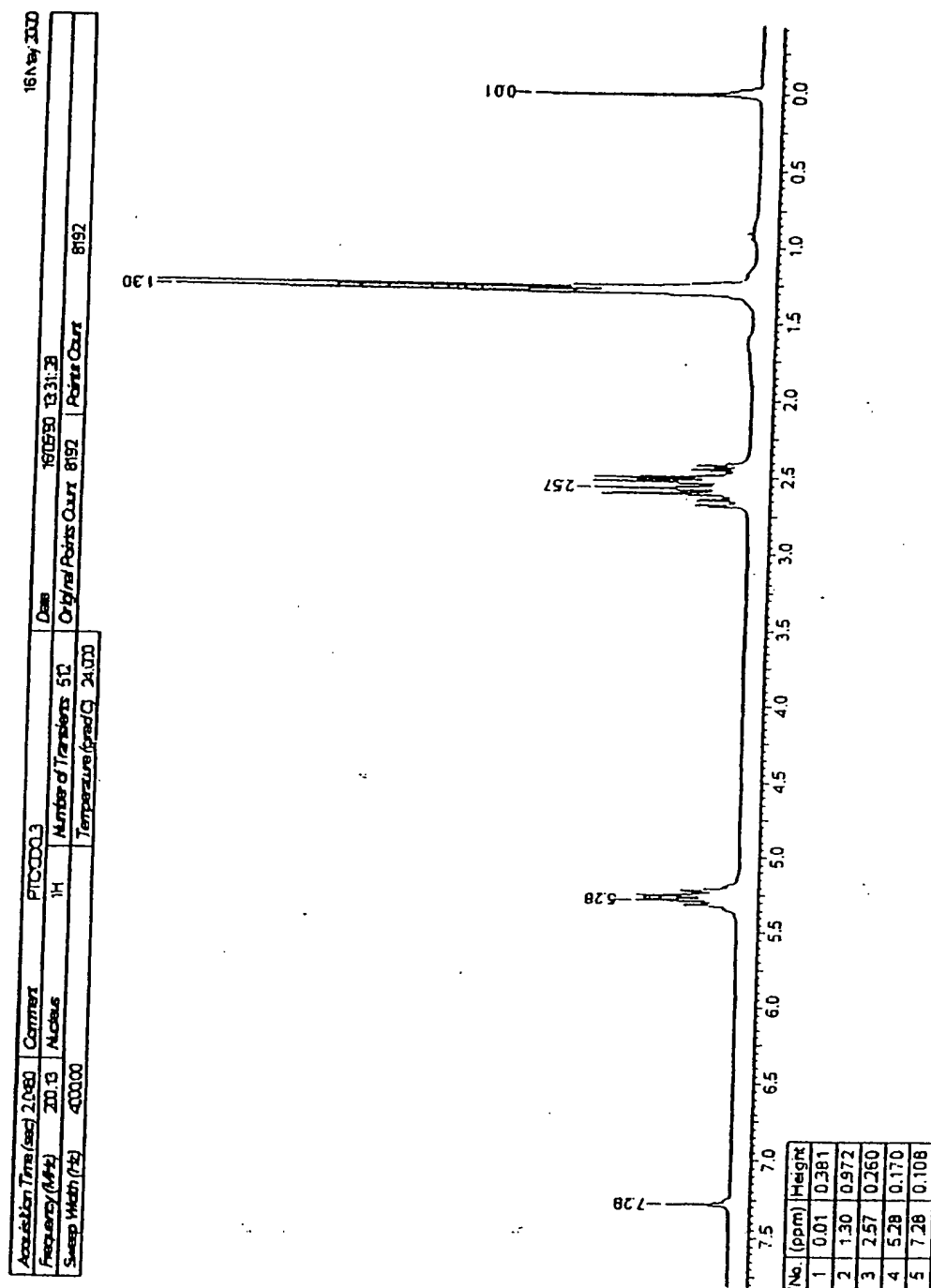


FIG.11

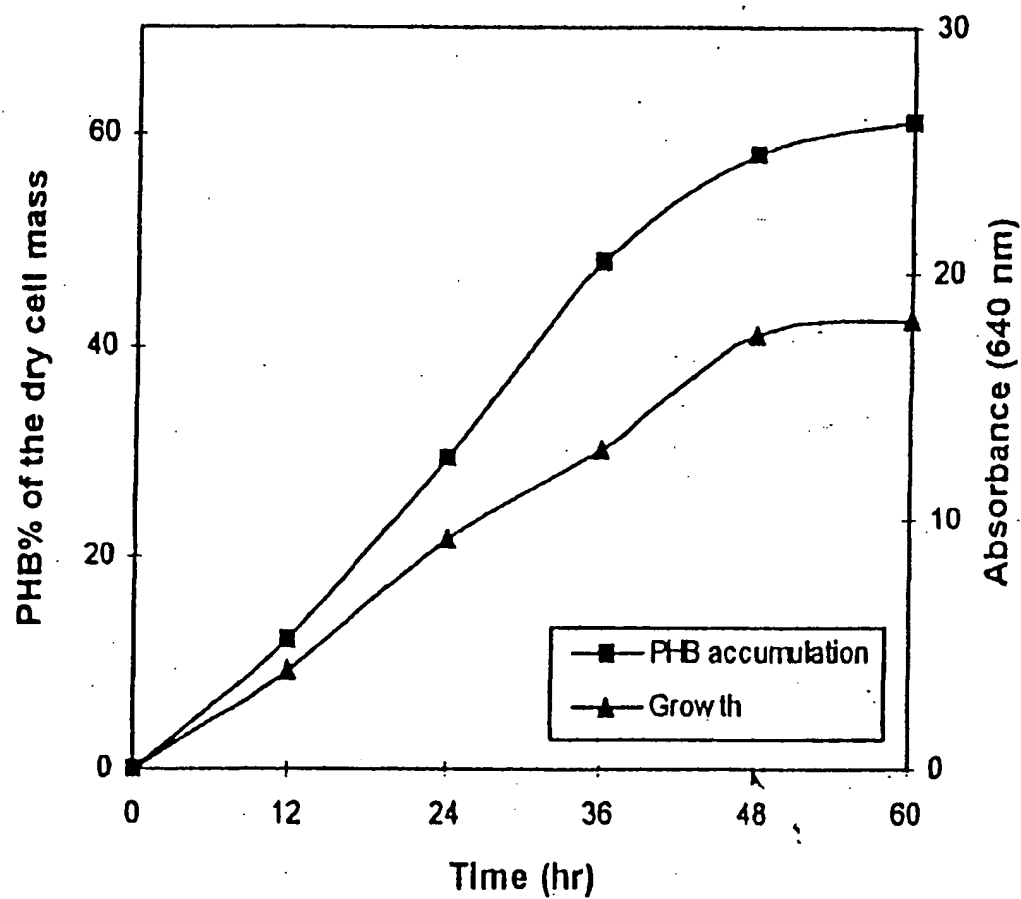


FIG.12